

## WALL-CLIMBING ROBOT

### Abstract of the Disclosure

A wall-climbing robot or mobility platform able to  
5 ascend and descend various horizontal and vertical surfaces  
having a chassis, a rotor rotatable with respect to the  
chassis, one or more prominences on the rotor, and means for  
adhering to a surface attached to the prominences. The  
robot is able to make a transition from horizontal travel to  
10 vertical travel. In certain embodiments, the means for  
adhering to a wall is a pressure sensitive adhesive. In  
addition, multiple rotor configurations and radio-control  
are used for remote operation.